

## ABSTRACT OF THE DISCLOSURE

To provide an image processing apparatus, an image processing method, and an image processing program of detecting an obscure portion that cannot be divided by clear edges as a boundary region and of controlling image information on the boundary region so as to be suitable for a background image in the case of dividing a target image into image object regions, a boundary region having intermediate characteristics between the characteristics of a target image object and the characteristics of an adjacent image object that are two adjacent image objects is detected from a target image. Pixel information on the pixels that belong to the boundary region is generated based on the changes in the characteristics of the pixels from the pixels of the boundary region which contact the target image object region having the characteristics of the target image object to the pixel of the boundary region that contacts an adjacent image object region having the characteristics of the adjacent image object.